

**ABSTRACT OF THE DISCLOSURE**

A method of replacing fluid in an automotive system requires interconnecting a radiator fill  
5 port of the radiator with a first external tank through a closed control valve, disconnecting an  
upper hose from an upper radiator port and reconnecting the upper hose to a second external  
tank containing a replacement fluid. The system is sealed so that fluids are constrained for  
movement only within and between the engine, radiator and external tanks through the  
various hoses. When a pressure differential is applied within the system, fluid is forced from  
10 the automotive system into the first external tank, while automatically refilling the  
automotive system with the replacement fluid from the second external tank.